WE CLAIM:

1. A flex on suspension circuit comprising:
a tail with a first and a second end;
a shunt bar located adjacent to the second end of the tail;
a plurality of flying leads projecting substantially perpendicular from a first edge of the second end of the tail wherein the plurality of flying leads are substantially parallel with one another and extend between the second end of the tail and the shunt bar; and
a dam intersecting the flying leads wherein the dam extends from a first flying lead to a last flying lead and is substantially parallel with the first edge of the second end of the tail.

2. The flex on suspension circuit of Claim 1 further comprising a foot at the second end of the center tail route wherein the foot is located on a second edge of the second end of the tail.

3. The flex on suspension circuit of Claim 1 further comprising a plurality of head leads wherein a continuous electrical path is formed between the head leads and the flying leads.

4. The flex on suspension circuit of Claim 1 further comprising a gimbel region.

5. The flex on suspension circuit of Claim 1 further comprising a load beam area coupled to the first end of the tail.

6. The flex on suspension circuit of Claim 1 further comprising a loopback.

7. The flex on suspension circuit of Claim 1 further comprising a flapper on a third edge of the second end of the tail wherein the third edge is located opposite the first edge.

8. The flex on suspension circuit of Claim 1 further comprising a shark fin wherein the shark fin is located on a third edge of the second end of the tail wherein the third edge is located opposite the first edge.

9. The flex on suspension circuit of Claim 1 wherein the dam is fabricated from a polyimide material.

10. The flex on suspension circuit of Claim 1 wherein the dam is fabricated from a covercoat material.

11. A method for fabricating a flex on suspension circuit, the method comprising steps of:
(a) coating a non-metallic substrate material with a conductive layer;
(b) depositing a mask on the conductive layer to define a flex on suspension circuit;

(c) depositing a mask on the conductive layer to define a dam intersecting a plurality of flying leads of the circuit;

(d) developing and etching the masks deposited in steps (b) and (c) to form a flex on suspension circuit with the dam.

12. The method of claim 11 further comprising the steps of:

(e) depositing a mask on the conductive layer to define a foot at the second end of the center tail route wherein the foot is located on a second edge of the second end of the tail; and

(f) developing and etching the mask deposited in step (e).

13. The method of Claim 11 further comprising the steps of:

(e) masking the conductive layer with a mask wherein a flex on suspension circuit is imaged comprising;

a shark at the second end of the center tail route wherein the shark fin is located on a third edge of the second end of the tail; and

(f) developing and etching the mask to form a flex on suspension circuit comprising;

a shark fin wherein the shark fin is located on a third edge of the second end of the tail.

14. A flex on suspension circuit comprising:

a tail with a first and a second end;

a shunt bar located adjacent to the second end of the tail;

a plurality of flying leads projecting substantially perpendicular from a first edge of the second end of the tail wherein the plurality of flying leads are substantially parallel with one another and extend between the second end of the tail and the shunt bar; and

a means for intersecting the flying leads from a first flying lead to a last flying lead substantially parallel with the first edge of the second end of the tail.

15. A flex on suspension circuit comprising:

a plurality of flying leads having a portion for solder connection to a printed circuit board; and

dam means located on either side of said portion for preventing wicking of solder beyond the dam means.